O I P E JC87 MAR 05 2004 PATENT & TRADEMARK OFFICE

User - Relationship Diagram

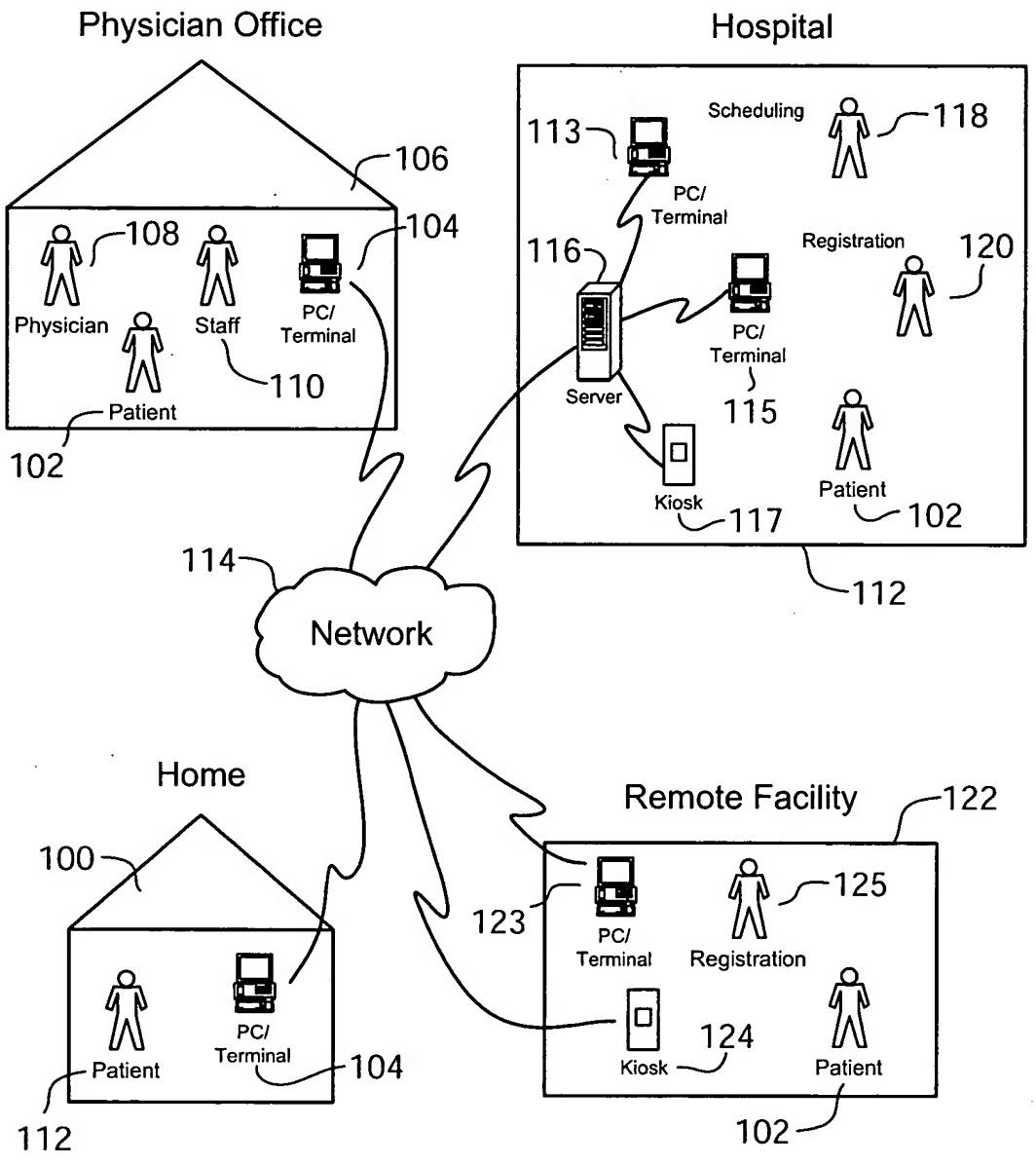

FIG. 1

System Architecture

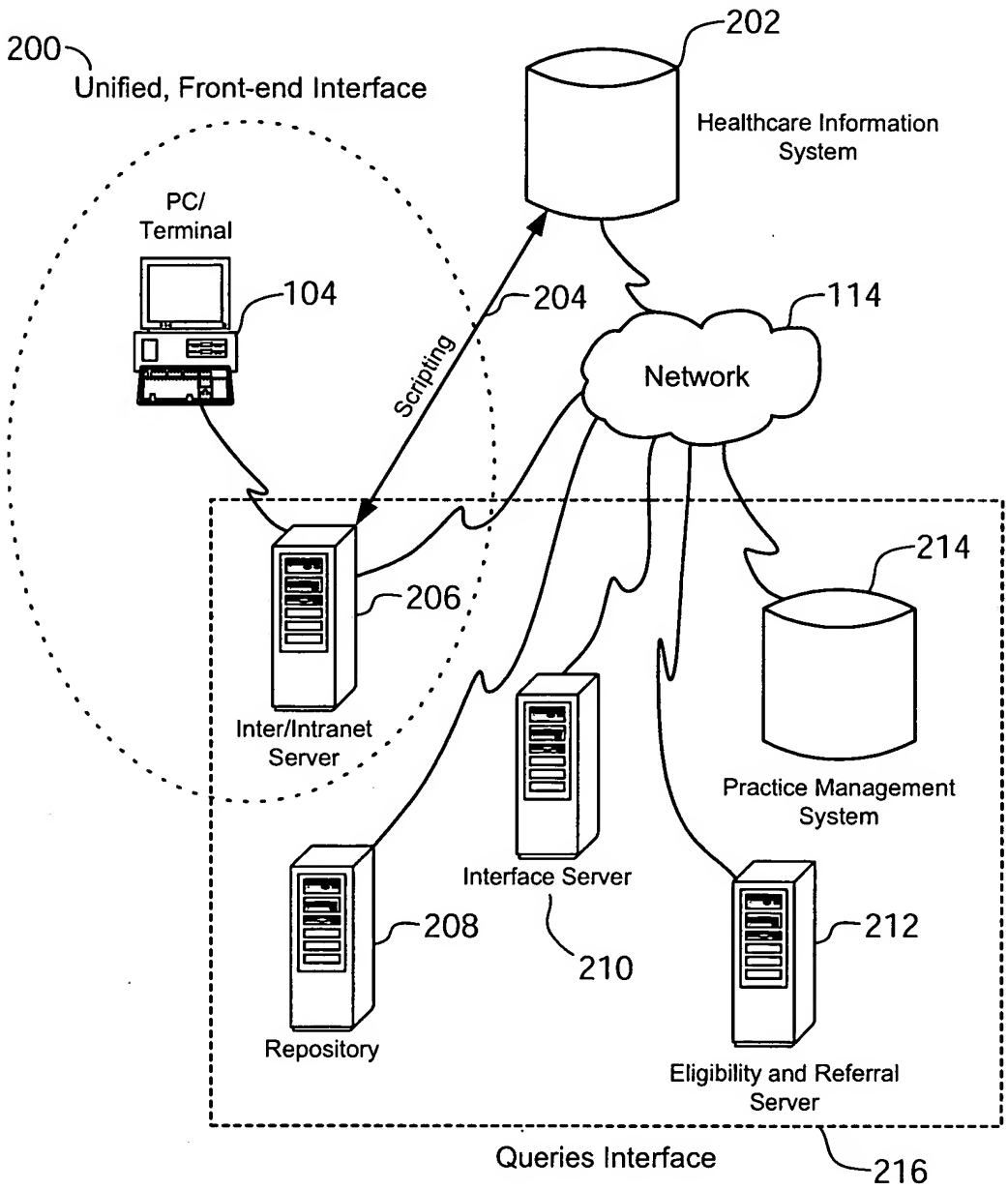

FIG. 2

Context Diagram

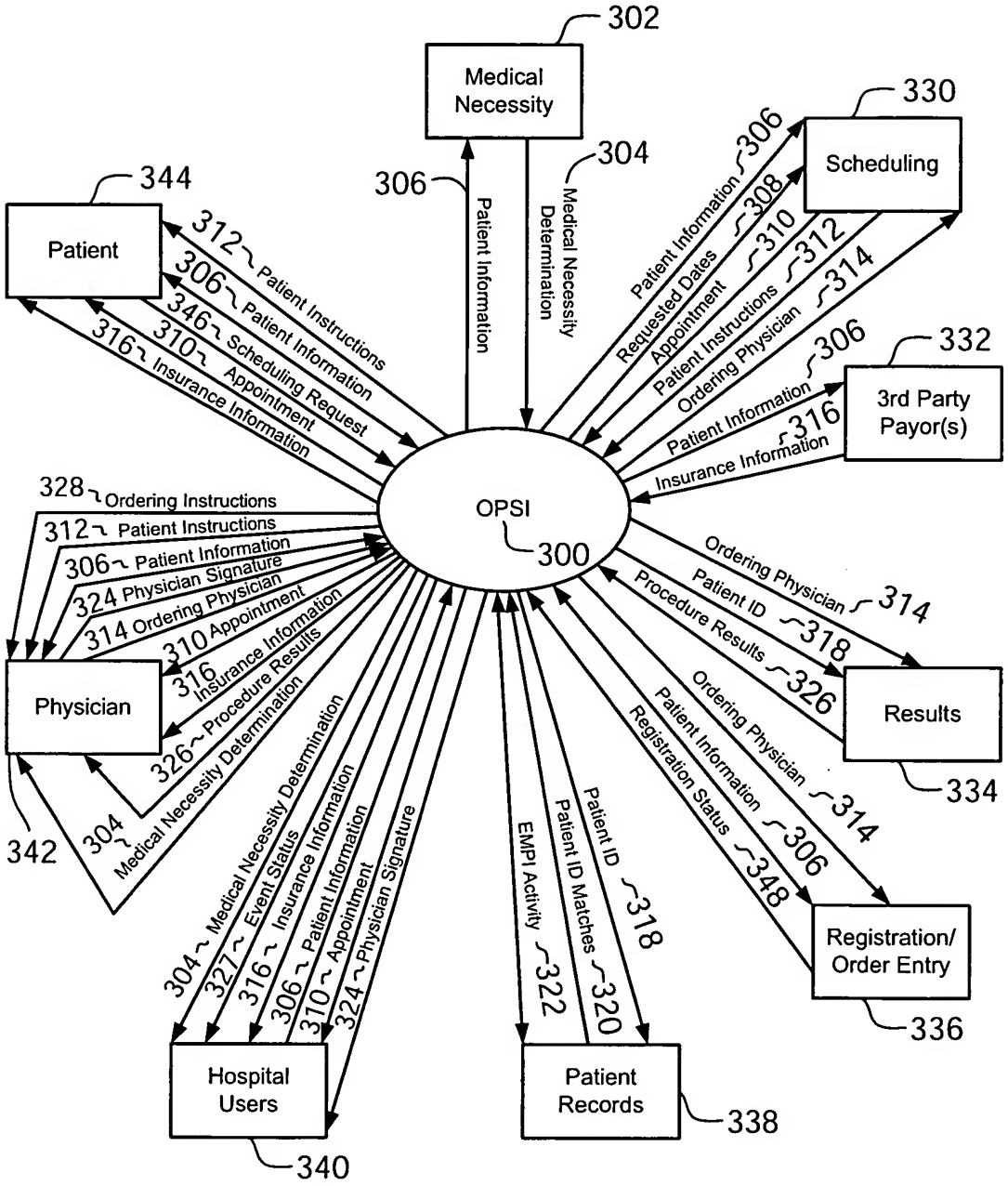

FIG. 3

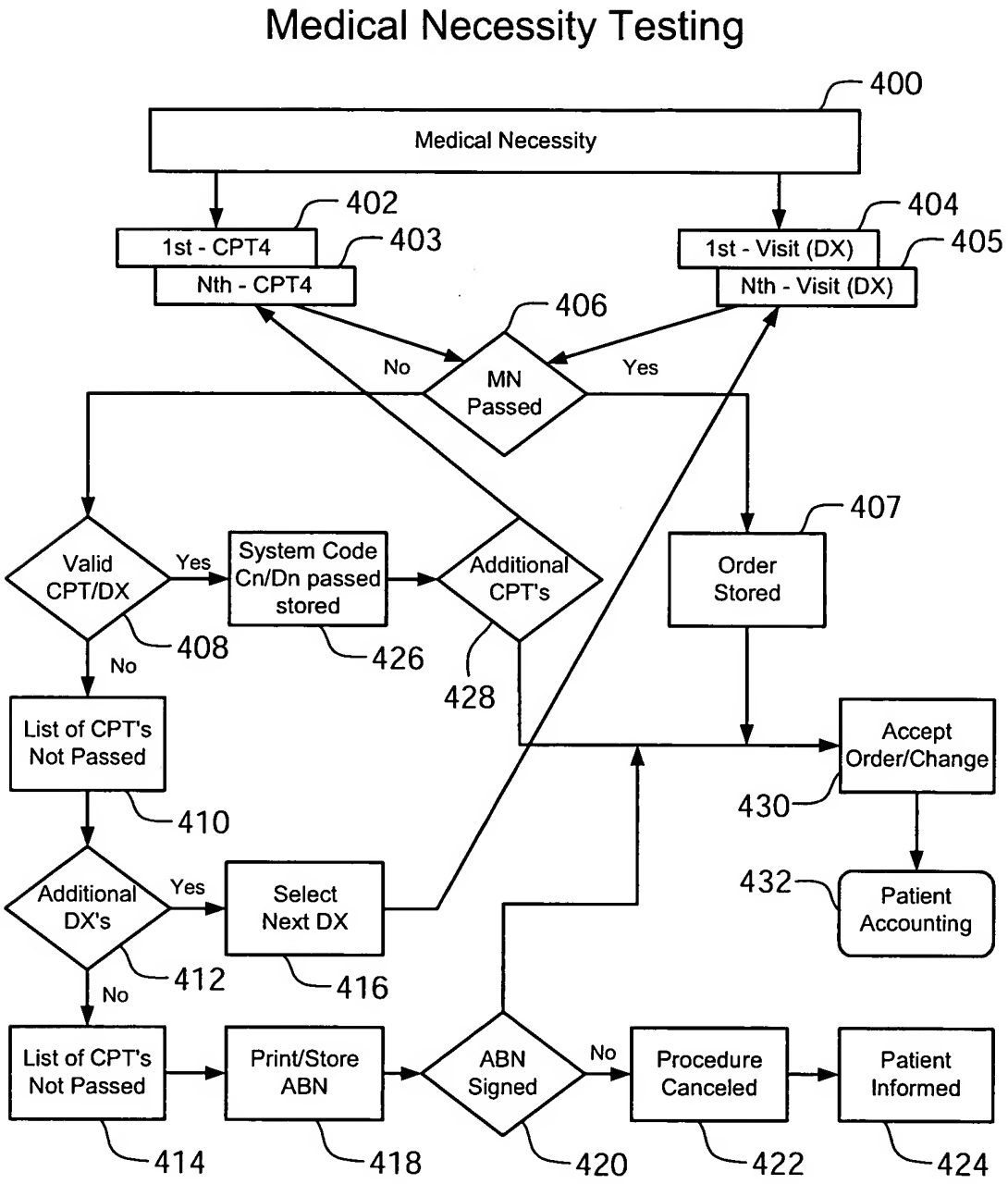
Medical Necessity Testing
400
Medical Necessity
402
1st - CPT4
403
Nth - CPT4
404
1st - Visit (DX)
405
Nth - Visit (DX)
406
MN Passed
No
Yes
Valid CPT/DX
Yes
System Code Cn/Dn passed stored
Additional CPT's
408
426
428
No
407
Order Stored
List of CPT's Not Passed
410
Accept Order/Change
430
Additional DX's
Yes
Select Next DX
412
416
No
432
Patient Accounting
List of CPT's Not Passed
Print/Store ABN
ABN Signed
No
Procedure Canceled
Patient Informed
414
418
420
422
424

FIG. 4

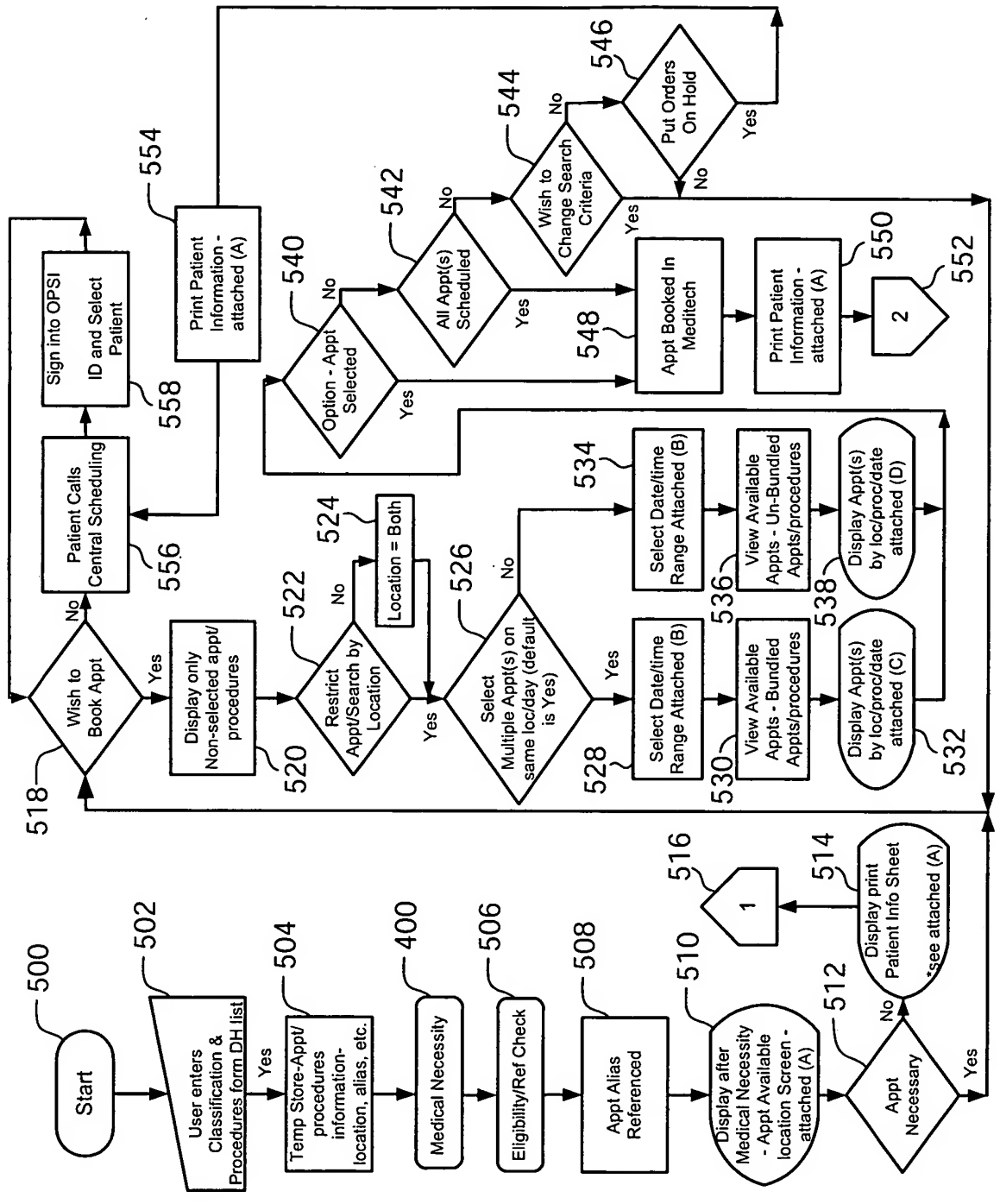
500
Start
502
User enters Classification & Procedures form DH list
Yes
504
Temp Store-Appt/ procedures information-location, alias, etc.
400
Medical Necessity
506
Eligibility/Ref Check
508
Appt Alias Referenced
510
Display after Medical Necessity - Appt Available location Screen - attached (A)
512
Appt Necessary
No
Yes
514
Display print Patient Info Sheet *see attached (A)
516
1
518
Wish to Book Appt
No
Yes
520
Display only Non-selected appt/ procedures
522
Restrict Appt/Search by Location
No
Yes
524
Location = Both
526
Select Multiple Appt(s) on same loc/day (default is Yes)
No
Yes
528
Select Date/time Range Attached (B)
530
View Available Appts - Bundled Appts/procedures
532
Display Appt(s) by loc/proc/date attached (C)
534
Select Date/time Range Attached (B)
536
View Available Appts - Un-Bundled Appts/procedures
538
Display Appt(s) by loc/proc/date attached (D)
540
Option - Appt Selected
No
Yes
542
All Appt(s) Scheduled
No
Yes
544
Wish to Change Search Criteria
No
Yes
546
Put Orders On Hold
No
Yes
548
Appt Booked In Meditech
550
Print Patient Information - attached (A)
552
2
554
Print Patient Information - attached (A)
556
Patient Calls Central Scheduling
558
Sign into OPSI
ID and Select Patient

FIG. 5A

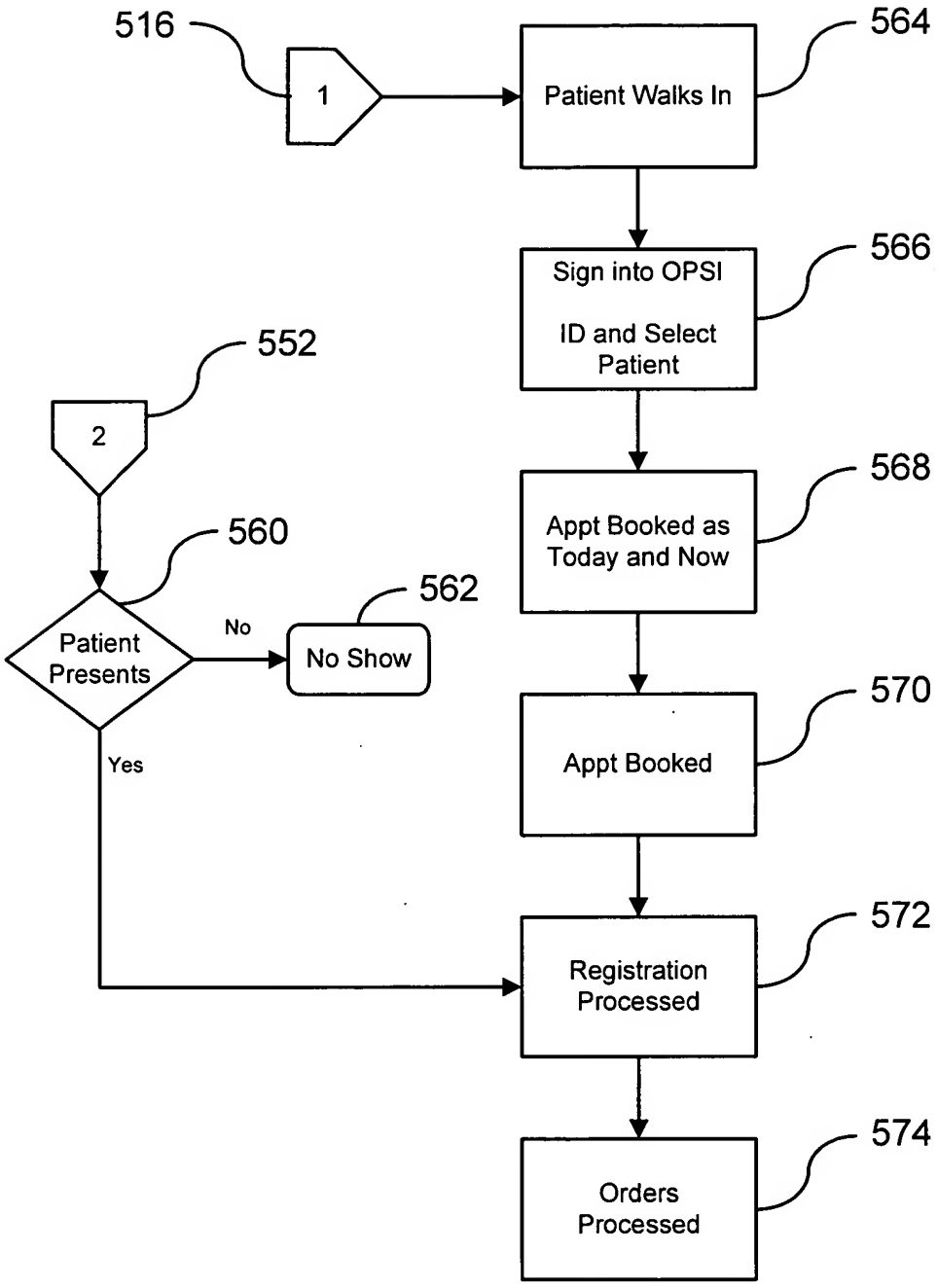
516
1
564
Patient Walks In
Sign into OPSI
ID and Select Patient
566
552
2
560
Patient Presents
No
562
No Show
Yes
Appt Booked as Today and Now
568
Appt Booked
570
Registration Processed
572
Orders Processed
574

FIG. 5B

List OPSI CPT Crosswalk

602 Class	604 Disp	606 Pend Appt	608 OE Category	610 Location	612 Provider Loc#	614 OE Procedure	616 Appt Type	508 Alias	512 Appt Req'd	402 CPT-4
Card	N	N	CARD	DH	1424	HMR			Y	93225
Card	N	N	CARD	DH	1424	SCANNING			Y	93226
Card	Y	N	CARD	DH	1424	ECHOWCON	CSECHO	CS ECHO	Y	A9700
CT	Y	N	HWCT	HW	1424	HWO	HW CTHWO	CT HEAD	Y	70450
CT	Y	N	HWCT	HW	1424	HWO	HW CTHWO	CT HEAD W	Y	70460
ECG	Y	N	ECG	DH	1424	ECG	CSECG	ECG	N	93005
ECG	N	N	ECG	HW	1424	RHYTHM			Y	93014
LAB	Y	N	MIC	HW	1424		HW LAB	LAB	N	87046

FIG. 6

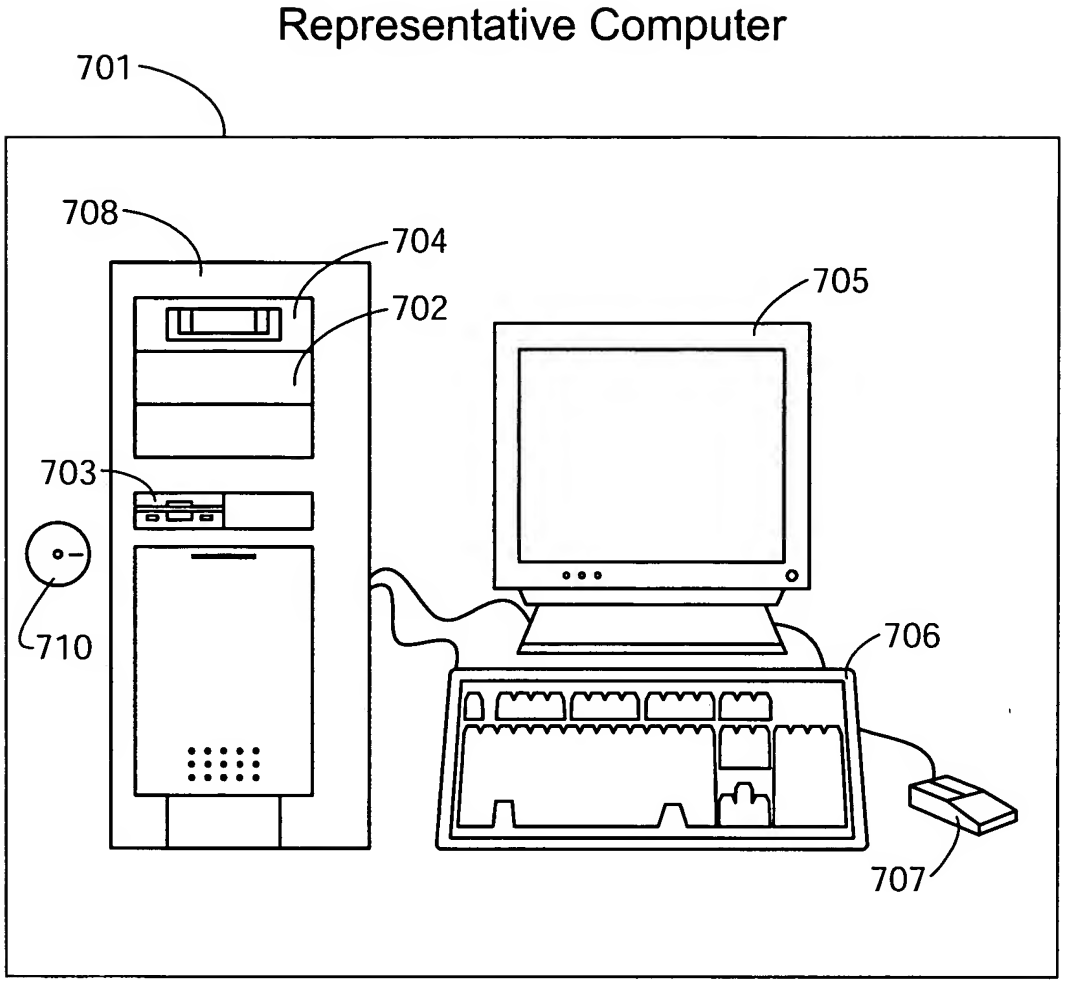

FIG. 7

Computer System Internal Diagram

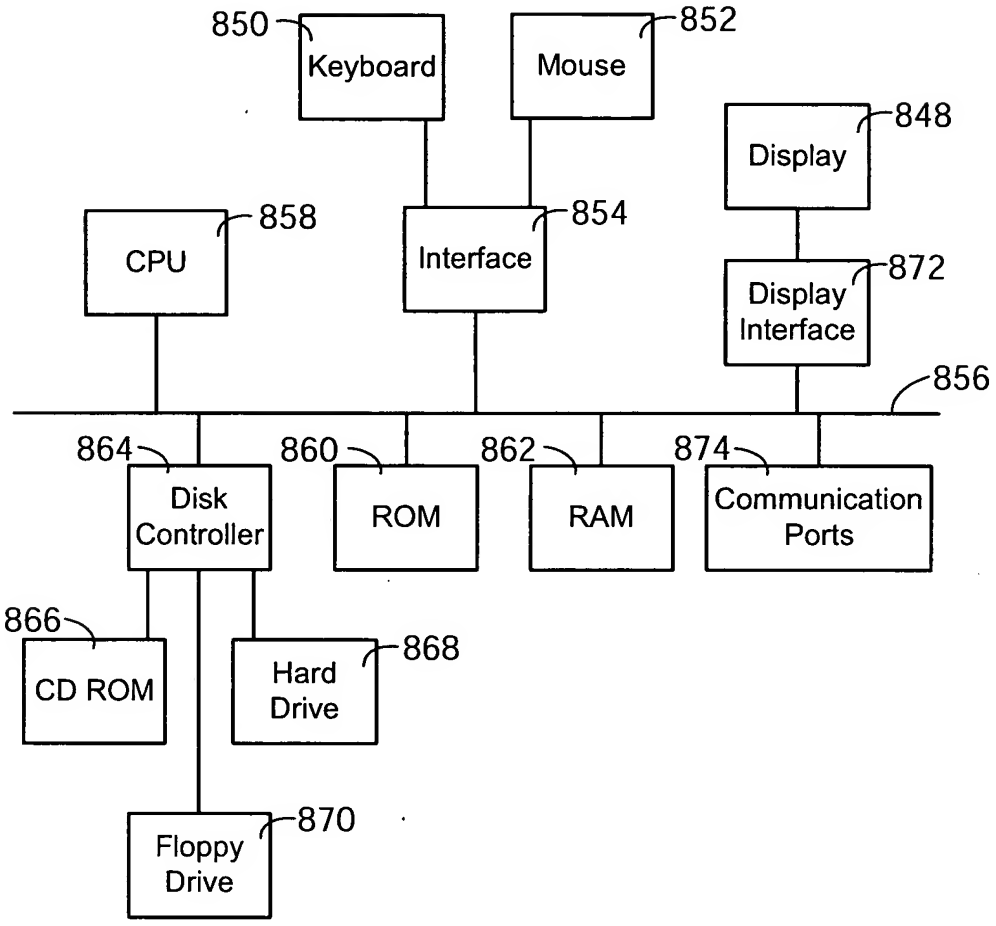

FIG. 8